

IV. AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

A. Listing of Claims:

1. (Currently Amended) A method of changing a client program ~~by~~ corresponding to a computer, comprising the steps of:

transmitting an access request to a the server program and, when an error occurs, analyzing a cause of the error;

~~detecting a change location of~~ ipart of a WSDL file defining an interface of said server program when the error is caused by change the WSDL file defining of said interface of said server program;

deciding a change portion and a changing scheme of said client program related to said change of said WSDL file defining said interface to change said client program; and

replacing the client program being currently operated by said changed client program.

2. (Currently Amended) A client program changing method according to claim 1, wherein

~~said analysis of the~~ analyzing a cause of the error is made ~~b~~ by analyzing contents of a message received from said server program when the error occurs.

3. (Currently Amended) A client program changing method according to claim 1, wherein

~~said interface of said server program is defined by a WSDL file, and~~

said detection of said change ~~location of~~ part of the WSDL file defining said interface is made by comparing an unrevised WSDL file with a revised WSDL file.

4. (Original) A client program changing method according to claim 3, wherein said decision of said change portion and said changing scheme of said client program is made on the basis of a comparison result of said WSDL files.

5. (Currently Amended) A client program changing method according to claim 3, wherein

the step of changing said client program includes the steps of:

taking said revised WSDL file in source codes of said client program;

correcting source code portion of said client program related to said detected change part of the WSDL file defining ~~portion of~~ said interface; and

using said corrected source code portion to prepare an executable client program.

6. (Currently Amended) A method of changing an interface between a client program and a server program in a client/server system, comprising the steps of:

changing said interface defined by a WSDL file due to a revision of a server program in a server system;

registering said the changed interface in a location accessible from a client system;

causing a computer in the client system to perform the following operation including the steps of:

transmitting an access request to the server program and, when an error occurs, analyzing a cause of the error;

deciding a change ~~location~~ part of said interface of the server program when the error is caused by change of a WSDL file defining said interface of the server program;

deciding a change portion and a changing scheme of a the client program related to the change of said interface WSDL file to change said client program; and

replacing the client program being currently operated by said changed client program.

7. (Currently Amended) A client program management apparatus, comprising:

error detection means for, when a client program transmits an access request to a server program and an error occurs, analyzing a cause of the error in response to a notification from the client program;

error occurrence portion detection means responsive to a notification from said error detection means for detecting a change ~~location of part of a~~ WSDL file defining an interface of said server program when the error is caused by change of the WSDL file defining said interface of said server program;

changed client program producing means responsive to a notification from said error occurrence portion detection means for deciding a change portion and a changing scheme of said client program related to the change of the WSDL file defining said interface to produce a changed client program; and

client program execution means responsive to a notification from said changed client program producing means for replacing the client program being currently operated by said changed client program.

8. (Currently Amended) A client program management program group, comprising:
an error detection program for, when a client program transmits an access request to a corresponding server program and an error occurs, analyzing a cause of the error in response to a notification from the client program;

an error occurrence portion detection program responsive to a notification from said error detection program for detecting a change ~~location of~~ part of a WSDL file defining an interface of said server program when the error is caused by change of said interface of said server program;

a changed client program producing program responsive to a notification from said error occurrence portion detection program for deciding a change portion and a changing scheme of said client program related to the change of said interface to produce a changed client program;
and

a client program execution program responsive to a notification from said changed client program producing program for replacing the client program being currently operated by said changed client program.

9. (Currently Amended) A client/server system comprising:
a server computer including a server program;
a registry for storing information related to an interface of said server program; and
a client computer including:
a client program corresponding to the served program;
an error detection program for, when said client program transmits an access request to said server program and an error occurs, analyzing a cause of the error in response to a notification from said client program;

an error occurrence portion detection program responsive to a notification from said error detection program for accessing to said registry to detect a change ~~location of part of a WSDL file defining~~ an interface of said server program when the error is caused by change of the WSDL file defining said interface of said server program;

a changed client program producing program responsive to a notification from said error occurrence portion detection program for deciding a change portion and a changing scheme of said client program related to the change of the WSDL file defining said interface to produce a changed client program; and

a client program execution program responsive to a notification from said changed client program producing program for replacing the client program being currently operated by said changed client program.

10. (Currently Amended) A client/server system according to claim 9, wherein ~~said interface of said server program is defined by a WSDL file, and said registry is a UDDI registry.~~